

AMENDMENTS TO THE CLAIMS

No claim amendments are presented in the present response. However, the current listing of claims is provided for ease of reference.

Listings of Claims:

1. (Previously presented) In a mobile wireless communications device, including a display screen with a screen axis: a method for displaying direction, comprising:
 - determining the magnetic bearing of the wireless communications device;
 - selecting a reference axis having a predetermined relationship to the magnetic bearing;
 - fixedly aligning the reference axis with the screen axis;
 - displaying the reference axis on the display screen; and
 - displaying a direction associated with the reference axis on the display screen.
2. (Canceled).
3. (Previously presented) The method of claim 1 wherein the reference axis points to magnetic North.
4. (Canceled).
5. (Canceled).

6. (Previously presented) The method of claim 1 further comprising:

receiving global positioning system (GPS) location information;

receiving map information; and,

displaying a map display responsive to the map information, showing the wireless communications device location on the map.

7. (Previously presented) The method of claim 6 further comprising rotating the map display in response to the rotation of the screen axis.

8. (Previously presented) The method of claim 7 wherein the direction displayed corresponds with the direction the wireless communication device is moving.

9. (Canceled).

10. (Previously presented) The method of claim 8 wherein displaying the direction includes displaying a magnetic bearing icon on the map.

11. (Original) The method of claim 1 wherein determining the magnetic bearing of the wireless communications device includes correcting the magnetic bearing with respect to true North.

12. (Previously presented) In a mobile wireless communications device, a system for indicating a direction, the system comprising:

a magnetic detection circuit to determine orientation in a magnetic field, the magnetic detection circuit having an output to supply a magnetic bearing signal responsive to the determined orientation;

a direction circuit having an input to accept the magnetic bearing signal and an output to communicate a reference axis signal, wherein the direction circuit has an input to accept data defining a relationship between the magnetic bearing and a reference axis, wherein the direction circuit determines the direction of the reference axis based on the defined relationship; and,

a user interface screen having an input to receive the reference axis signal and an output display responsive to the magnetic bearing of the wireless communication device wherein the user interface screen displays the reference axis direction and has a surface with a screen axis defined with respect to the surface wherein the direction circuit defines the reference axis to be fixedly aligned with the screen axis and the reference axis signal is responsive to the rotation of the screen axis; and

wherein the user interface screen displays the direction of the screen axis.

13. (Canceled).

14. (Canceled).

15. (Canceled).

16. (Canceled).

17. (Previously presented) The system of claim 12 wherein the direction circuit has an input to receive GPS location information and an input to receive map information oriented in a directional coordinate system and wherein the direction circuit uses the GPS and map information to generate a map showing the location of the wireless communications device, and wherein the direction circuit supplies a map signal for displaying the map with the reference axis signal; and wherein the user interface screen accepts the map signal and displays the map in response to the map signal.

18. (Previously presented) The system of claim 17 wherein the direction circuit rotates the map directional coordinate system in response to the reference axis; and,

wherein the user interface screen rotates the map display in response to rotations of the screen axis.

19. (Original) The system of claim 18 wherein the user interface screen displays the direction of the screen axis.

20. (Previously presented) The system of claim 17 wherein the direction circuit defines the reference axis to be fixedly aligned with

the screen axis and transposes the screen axis direction onto the map directional coordinate system; and

wherein the user interface screen displays a map showing the location of the wireless device and the direction of the screen axis.

21. (Original) The system of claim 20 wherein the direction circuit generates a directional icon, overlaid on the map.

22. (Original) The system of claim 12 wherein the magnetic detection circuit corrects the magnetic bearing with respect to true North.

23. (Previously presented) The method of claim 1, wherein the direction displayed corresponds with the direction the wireless communication is pointing.

24. (Previously presented) The method of claim 1, wherein the direction is provided in quadrants.

25. (Previously presented) The method of claim 1, wherein the direction is displayed in subquadrants.

26. (Previously presented) The method of claim 1, wherein the direction is displayed in degrees.

27. (Previously presented) The system of claim 12, wherein the direction is provided in quadrants.

28. (Previously presented) The system of claim 1, wherein the direction is displayed in degrees.